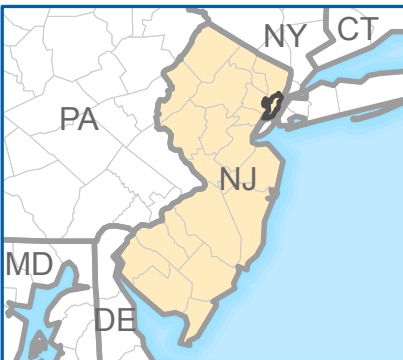
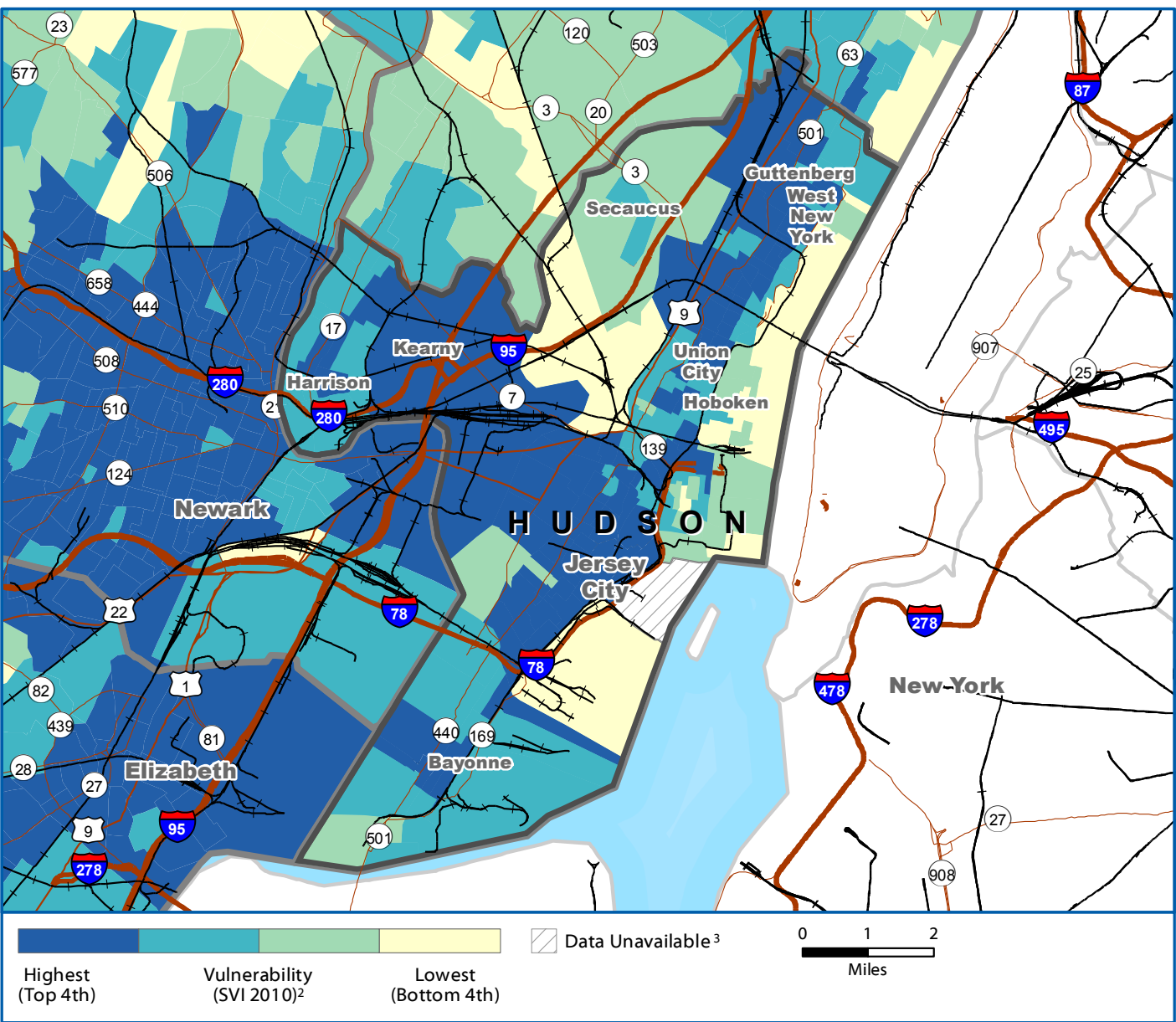


# Social Vulnerability Index 2010

Hudson County, New Jersey

PART 1

## Overall Social Vulnerability<sup>1</sup>



**Social vulnerability** refers to a community's capacity to prepare for and respond to the stress of hazardous events ranging from natural disasters, such as tornadoes or disease outbreaks, to human-caused threats, such as toxic chemical spills. The **Social Vulnerability Index (SVI 2010)<sup>4</sup> County Map** depicts the social vulnerability of communities, at census tract level, within a specified county. SVI 2010 groups **fourteen census-derived factors** into **four themes** that summarize the extent to

which the area is socially vulnerable to disaster. The factors include economic data as well as data regarding education, family characteristics, housing, language ability, ethnicity, and vehicle access. Overall Social Vulnerability combines all the variables to provide a comprehensive assessment.



MAP PRODUCED 3/25/2014

Agency for Toxic Substances and Disease Registry  
Division of Toxicology and Human Health Sciences



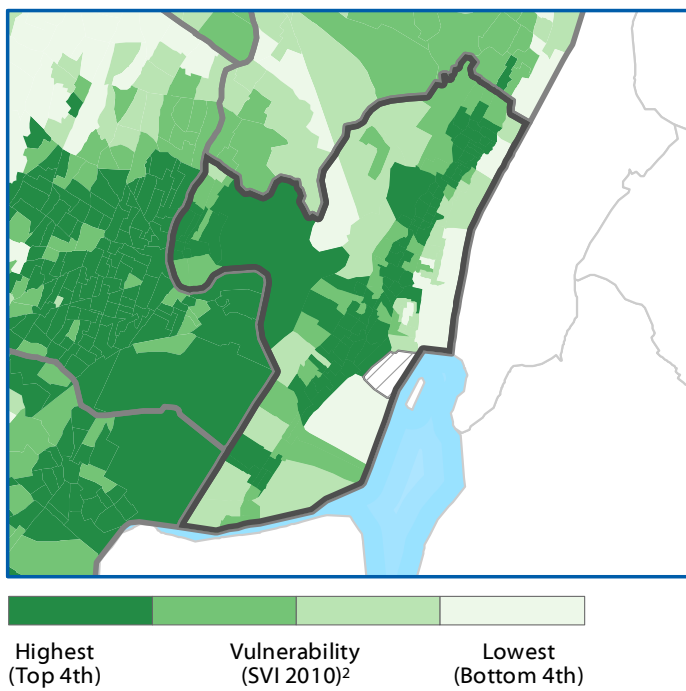
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SVI 2010 - HUDSON COUNTY, NEW JERSEY

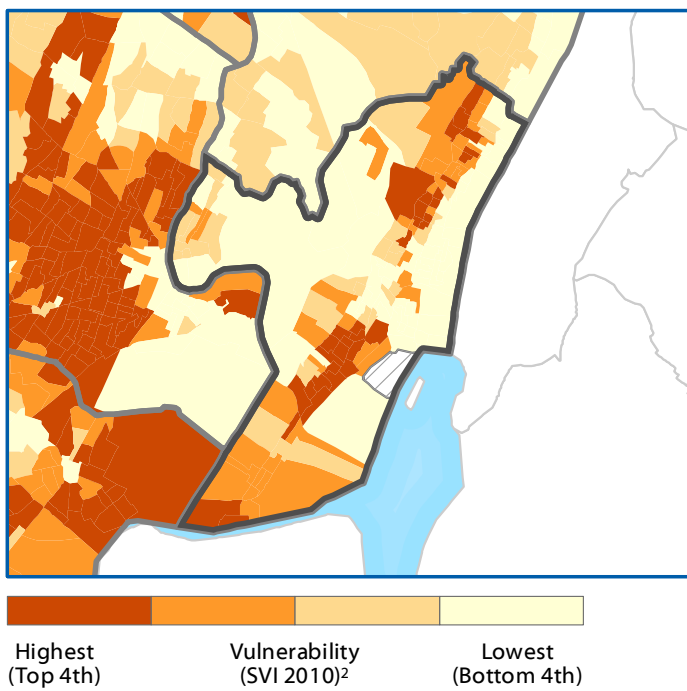
PART 2

## SVI Themes

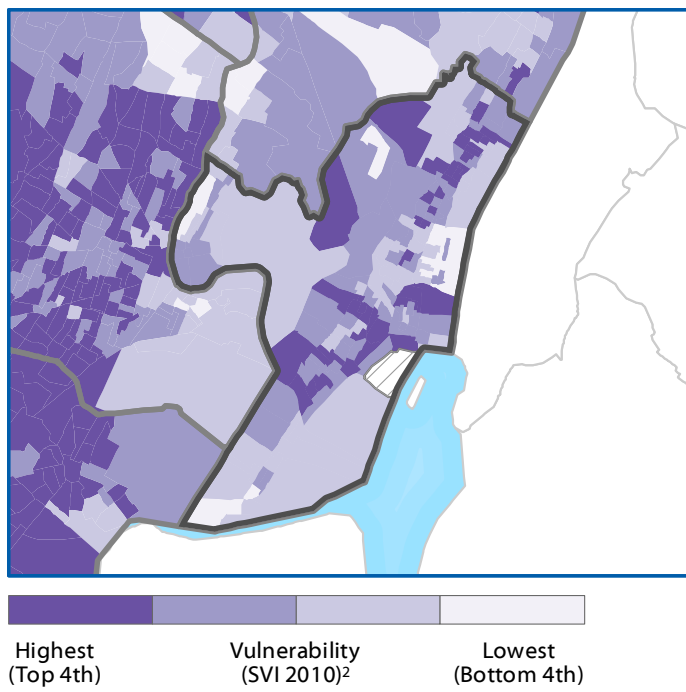
### Socioeconomic Status<sup>5</sup>



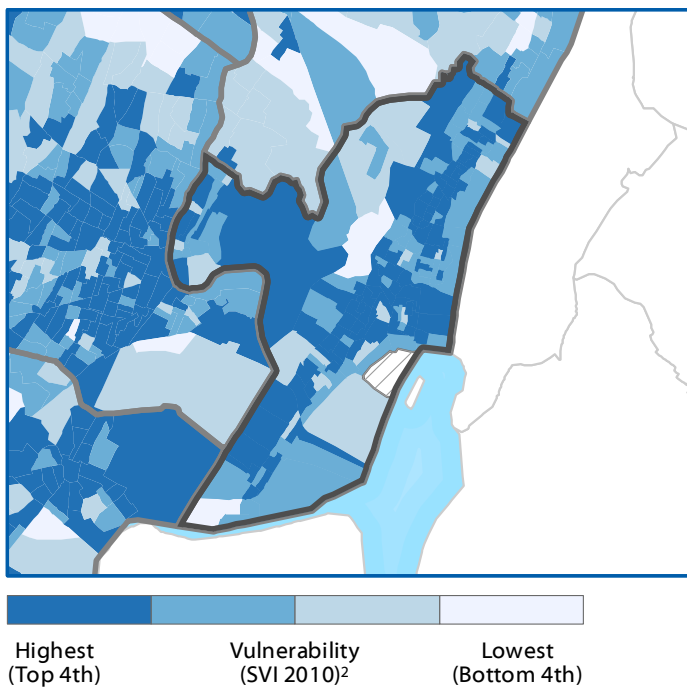
### Household Composition<sup>6</sup>



### Race/Ethnicity/Language<sup>7</sup>



### Housing/Transportation<sup>8</sup>



**Data Sources:** <sup>2</sup>ATSDR GRASP.  
**Notes:** <sup>1</sup>Overall Social Vulnerability: All 14 variables. <sup>2</sup>Census tracts with 0 population. <sup>3</sup>The SVI combines percentile rankings of US Census 2010 and American Community Survey (ACS) 2006-2010 variables, for the state of interest, at the census tract level. <sup>4</sup>Socioeconomic Status: Poverty, Unemployed, Per Capita Income, No High School Diploma. <sup>5</sup>Household Composition: Aged 65 and Over, Aged 17 and Younger, Single-parent Household. <sup>6</sup>Race/Ethnicity/Language: Minority, English Language Ability. <sup>7</sup>Housing/Transportation: Multi-unit, Mobile Homes, Crowding, No Vehicle, Group Quarters.  
**Projection:** NAD 1983 StatePlane New Jersey FIPS 2900.  
**Reference:** Flanagan, B.E., et al., A Social Vulnerability Index for Disaster Management. *Journal of Homeland Security and Emergency Management*, 2011.8(1).

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